

**Title:** Supplementary Data File 1.

**Description:** 8M whole hippocampus RNAseq DEG list associated to Figure 1.

**Title:** Supplementary Data File 2.

**Description:** WT-D, 3xTg-D WT-S, 3xTg-S whole hippocampus RNAseq DEG lists associated to Figure 2.

**Title:** Supplementary Data File 3.

**Description:** Single cell RNAseq DEG list associated to Figure 3.